

## EAST Search History

S70	1	("6388560").URPN.	USPAT	OR	OFF	2006/02/01 17:06
S71	4	("5307059"   "5583921"   "5842123"   "5969636").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 17:24
S72	10	(koutarou near3 hirai).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 17:25
S73	10	("4876536"   "4975693"   "4975694"   "5005013"   "5546078"   "5793304"   "5877695"   "5926239"   "6115023"   "6131046").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 17:25
S74	5	("6411198").URPN.	USPAT	OR	OFF	2006/02/01 17:26
S75	5	("5117449"   "5617468"   "6218958"   "6411198"   "6574489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 19:18
S76	1	("6094587").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/01 19:18
S77	830	(455/567).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/14 13:47
S78	3	(adjust\$3 with volume with environment) and S77	US-PGPUB; USPAT	OR	OFF	2006/07/14 13:48
S79	532	(455/415).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/26 11:11
S80	97	(animation or (image or picture)) and S79	US-PGPUB; USPAT	OR	OFF	2007/02/26 11:11
S81	6	"087538".ap.	US-PGPUB; USPAT	OR	OFF	2007/06/08 10:24
S82	6	(("20040119755") or ("20050105706") or ("20040093376") or ("7123903") or ("20060160579") or ("20050143054")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/19 18:45
S83	7	("20010051517"   "5758280"   "6018671"   "6154644"   "6236853"   "6741678"   "6751212").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/19 18:52
S84	1	("20060126815").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/20 10:57
S85	957	(455/567).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/20 11:07
S86	349	S85 and (control near3 (signal or message))	US-PGPUB; USPAT	OR	OFF	2007/07/20 11:08
S87	428	S85 and ((control near3 (signal or message)) or (signal\$3 near3 message))	US-PGPUB; USPAT	OR	OFF	2007/07/20 11:08

## EAST Search History

S88	217	S87 and alert\$3	US-PGPUB; USPAT	OR	OFF	2007/07/20 11:09
S89	19	S88 and (visual same tactile)	US-PGPUB; USPAT	OR	OFF	2007/07/20 11:09
S90	27	("4786982"   "5337356"   "5604791"   "5642413"   "5696497"   "5715296"   "5722071"   "5870684"   "5877695"   "5912482"   "5956626"   "5969759"   "6002945"   "6005612"   "6011967"   "6018671"   "6026306"   "6026358"   "6263218"   "6408187"   "6603397"   "6615057"   "6625474"   "6675026"   "6735457"   "6748210"   "6882860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 13:41
S91	983	455/567.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 13:41
S92	101	S91 and (control near3 message)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/20 13:42

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	129	(340/7.6).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/24 10:47
S2	50	(340/7.61).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/24 10:47
S3	354	(340/7.55).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/24 10:48
S4	10	("4876536"   "4975693"   "4975694"   "5005013"   "5546078"   "5793304"   "5877695"   "5926239"   "6115023"   "6131046").PN.	USPAT	OR	OFF	2004/09/24 10:53
S5	4	"6411198".URPN.	USPAT	OR	OFF	2004/09/24 10:54
S6	549	(455/567).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/24 11:27
S7	324	(455/567).CCLS.	USPAT; USOCR	OR	OFF	2004/09/24 11:27
S8	3	("6061570"   "6252588"   "6501967").PN.	USPAT	OR	OFF	2004/09/24 11:33
S9	5	("6125264"   "6281785"   "6404085"   "6411198"   "6418330").PN.	USPAT	OR	OFF	2004/09/24 11:41
S10	0	call near3 allert\$3	US-PGPUB; USPAT	OR	OFF	2007/07/19 18:45
S11	2962	call near3 alert\$3	US-PGPUB; USPAT	OR	OFF	2004/09/23 10:11
S12	1312	(call near3 alert\$3) and "455"/\$	US-PGPUB; USPAT	OR	OFF	2004/09/23 10:11
S13	374	(call near3 alert\$3) same mobile	US-PGPUB; USPAT	OR	OFF	2004/09/23 10:11
S14	304	((call near3 alert\$3) same mobile) and "455"/\$	US-PGPUB; USPAT	OR	OFF	2004/09/23 10:24
S15	5	SMS same ((call near3 alert\$3) same mobile)	US-PGPUB; USPAT	OR	OFF	2004/09/23 10:40
S16	1007	(455/550.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/23 10:40
S17	50	((455/550.1).CCLS.) and ((455/567).CCLS.)	US-PGPUB; USPAT	OR	OFF	2004/09/23 10:49
S18	1	"2333209"	US-PGPUB; USPAT	OR	OFF	2004/09/23 10:50

## EAST Search History

S19	7	"2333209"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/23 10:50
S20	1	1999-349803.NRAN.	DERWENT	OR	OFF	2004/09/23 10:51
S21	9	"1069753"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/23 14:37
S22	384	two-way adj telephone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/23 14:37
S23	69	(two-way adj telephone) with connection	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/23 14:37
S24	62	(two-way adj telephone) with connection	US-PGPUB; USPAT	OR	OFF	2004/09/23 14:44
S25	86	mobile same (two-way near3 connection)	US-PGPUB; USPAT	OR	OFF	2004/09/23 15:53
S26	700	transmit\$6 with MIDI	US-PGPUB; USPAT	OR	OFF	2004/09/23 15:57
S27	122	message same (transmit\$6 with MIDI)	US-PGPUB; USPAT	OR	OFF	2004/09/23 15:57
S28	6	(message same (transmit\$6 with MIDI)) same file	US-PGPUB; USPAT	OR	OFF	2004/09/23 16:03
S29	17	transmit\$6 near3 (MIDI adj file)	US-PGPUB; USPAT	OR	OFF	2004/09/23 16:14
S30	39	transmit\$6 with (MIDI adj file)	US-PGPUB; USPAT	OR	OFF	2004/09/23 16:14
S31	1	(transmit\$6 with (MIDI adj file)) and mobile	US-PGPUB; USPAT	OR	OFF	2004/09/23 16:14
S32	549	(455/567).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/23 16:31
S33	13	((455/567).CCLS.) and MIDI	US-PGPUB; USPAT	OR	OFF	2004/09/23 16:31
S34	1420	(visual or auditory or tactile) with (call near3 alert or notif\$3)	US-PGPUB; USPAT	OR	OFF	2005/06/02 13:32
S35	223	S34 and "455"/\$	US-PGPUB; USPAT	OR	OFF	2005/06/02 14:11
S36	28956	first with second with third with switch	US-PGPUB; USPAT	OR	OFF	2005/06/02 14:12
S37	473	feedback with S36	US-PGPUB; USPAT	OR	OFF	2005/06/02 14:12

## EAST Search History

S38	6	S37 same transmitter	US-PGPUB; USPAT	OR	OFF	2005/06/02 14:12
S39	5624	call near3 waiting	US-PGPUB; USPAT	OR	OFF	2005/06/04 14:46
S40	63	(mobile near3 terminal) same S39	US-PGPUB; USPAT	OR	OFF	2005/06/04 14:51
S41	1	("20010041560").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/04 14:51
S42	8	("4975694"   "6047197"   "6211858"   "6285364"   "6330461"   "6377821"   "6385466"   "6438390").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/04 15:07
S43	229	(455/412.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/04 15:07
S44	13	("4374308"   "4975694"   "5270931"   "5546078"   "5553125"   "5555550"   "5579472"   "5703934"   "5748106"   "5793304"   "5946636"   "6430405"   "6553223").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/04 15:41
S45	4	(("6366791") or ("6308086") or ("6418330") or ("6018654")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/04 15:42
S46	10	("6018654").URPN.	USPAT	OR	OFF	2005/06/04 15:47
S47	37	User-to-user near3 signaling	US-PGPUB; USPAT	OR	OFF	2005/06/04 17:12
S48	52	(second\$3 near3 notificat\$3) with alert\$3	US-PGPUB; USPAT	OR	OFF	2006/02/01 13:21
S49	9	("20030143982"   "20030162539"   "20040203363"   "20040203644"   "20040203941"   "5889852"   "5930700"   "6462665"   "6529737").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:40
S50	2	(send\$3 near3 message) with sound with picture	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:41
S51	25496	message with (audio or sound or picture or light)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:42
S52	9408	(send\$3 or transmit\$3) same message with (audio or sound or picture or light)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:42
S53	7652	(send\$3 or transmit\$3) same message with (audio or sound or picture)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:42
S54	4590	(send\$3 or transmit\$3) with message with (audio or sound or picture)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:43

## EAST Search History

S55	1129	S54 and "455"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:43
S56	208	alert\$3 with S54	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 13:43
S57	61	S56 and "455"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:03
S58	14997	messag\$3 with alert\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:05
S59	4600	(send\$3 or transmit\$3) with S58	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:05
S60	1284	S59 and "455"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:04
S61	3319	(send\$3) with S58	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:05
S62	1284	S60 and "455"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:05
S63	447	S62 and "340"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:05
S64	8818	messag\$3 with (visual or auditory or tactile)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:06
S65	1159	S64 with (send\$3 or transmit\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:06
S66	218	S65 and "455"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:06
S67	112	S65 with alert\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:07
S68	26	S67 and "455"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 14:07
S69	9	("20030143982"   "20030162539"   "20040203363"   "20040203644"   "20040203941"   "5889852"   "5930700"   "6462665"   "6529737").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/01 17:00